

TETRA

UHF Household Tag

Tetra is a long range RFID UHF tag which is used for household tagging in waste management systems.

Designed with the latest Impinj Monza R6/R6-P chip, the tag has a unique identification number.

The tag is robust and provides 3-way readability i.e RFID, QR Code and Human readable alpha-numeric data.



100% read-tested tags with industry best RAIN RFID Impinj R6/R6-P or G2iM chips. These tags can be customized with customer branding using laser marking or screen printing.

RECOMMENDED APPLICATIONS

Household marking for waste management

QR code enabled RFID UHF tags are most suitable for integrating into waste management solutions. Sanitary staff, who visits their respective divisions, will scan the QR code with a reader, record the data, including quantum of collection, date and time of collection and household coverage.

Every day, the system will generate data such as the number of houses covered and those failed to hand over waste and update the Command Control Centre for follow-up action.



Logistics and Returnable Pallets

QR code enabled RFID UHF tags are quite suitable for pallets management as the tags are quite rugged to sustain the harsh environment. The 3-way-readable (QR, RFID and Alpha-numeric) tags make it ideal for hassle-free operations.



Specifications

Part no.:	WL91U
Operating Frequency :	860-960 MHz (GLOBAL)
Operating Mode :	Passive (battery-less transponder)
Read Range :	up to 6m* (Reader and antenna dependant)
Protocol:	ISO/IEC 18000-6C
Chip Type:	Impinj Monza R6; EPC Class 1 Gen 2
Memory:	96 bits EPC Memory 48-bit unique serialized TID number
Data retention:	Up to 10 years
Dimension :	110x80x8mm
Material :	ABS
Ingress Protection:	IP67
Operating Temp. :	-10°C to +65°C
Storage Temp. :	-10°C to +65°C
Quality assurance:	100% read-tested
Mounting:	Thin film adhesive and Screws
Optional services:	Logo Printing and Encoding

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